

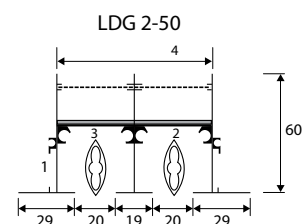
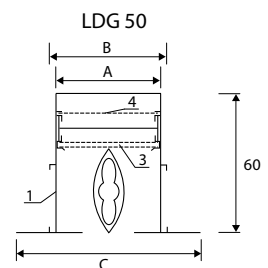
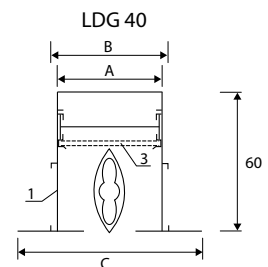
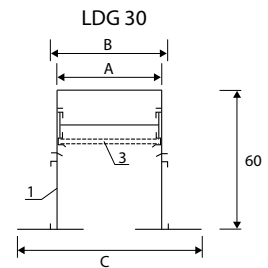
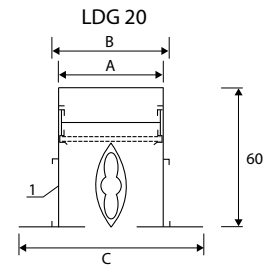
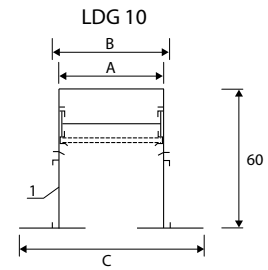
Characteristics Linear slot diffusers, drop profile deflector.

Material Extruded aluminium.
Deflector black RAL 9005.

Finish Natural anodised.

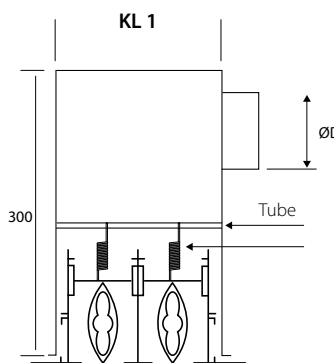
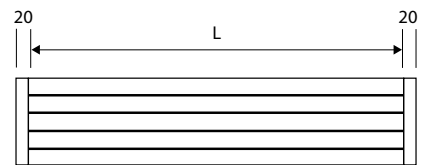
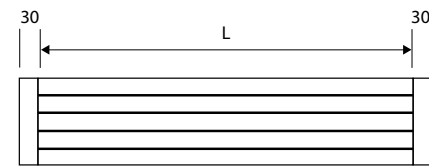
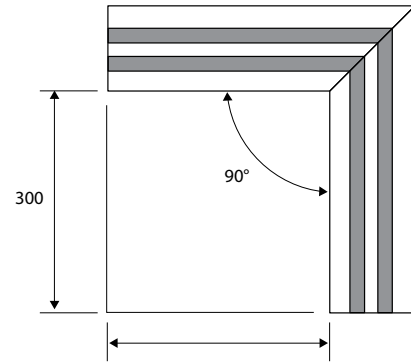
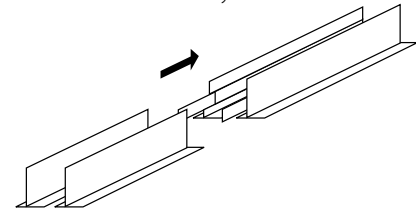
Fixing - fixing by frontal screws
- fixing by inner mounting bracket (mobile)
- fixing by springs inside plenum.

Models LDG 10: Standard diffuser (without sliding control damper and deflector) (1)
LDG 20: Diffuser with deflector (1) + (2)
LDG 30: Diffuser with sliding control damper (1) + (3)
LDG 40: Diffuser with sliding control damper and deflector (1) + (2) + (3)
LDG 50: Diffuser with sliding control damper, deflector and perforated distributor (1) + (2) + (3) + (4)

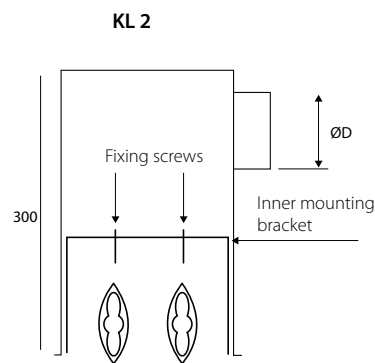
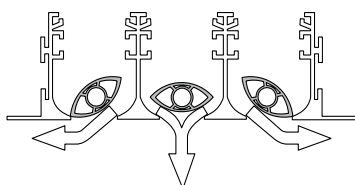


N. slots	Length [mm]	Ø spigot N. spitos	A [mm]	B [mm]	C [mm]	S [mm]	Z [mm]
1	800	98-1	40	50	77	54	66
	1000	98-1					
	1500	98-2					
	2000	98-3					
2	800	148-1	78	89	115	93	105
	1000	148-2					
	1500	148-3					
	2000	148-4					
3	800	198-1	117	128	155	132	144
	1000	198-2					
	1500	198-3					
	2000	198-4					
4	800	198-2	155	165	191	169	181
	1000	198-2					
	1500	198-3					
	2000	198-4					
5	800	298-1	192	202	229	206	218
	1000	298-1					
	1500	298-2					
	2000	298-2					
6	800	298-1	230	240	267	244	256
	1000	298-1					
	1500	298-2					
	2000	298-2					
7	800	298-1	266	276	303	280	292
	1000	298-1					
	1500	298-2					
	2000	298-2					
8	800	298-1	303	313	340	317	329
	1000	298-1					
	1500	298-2					
	2000	298-2					

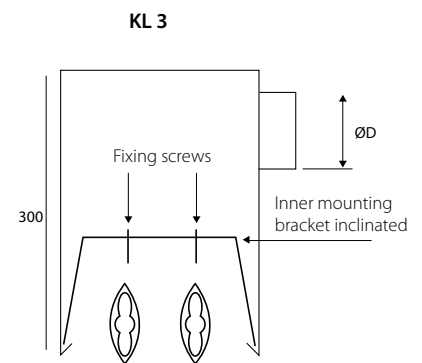
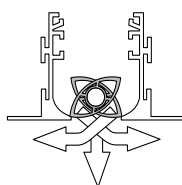
Continuity solution



Fixing to the plenum by spring



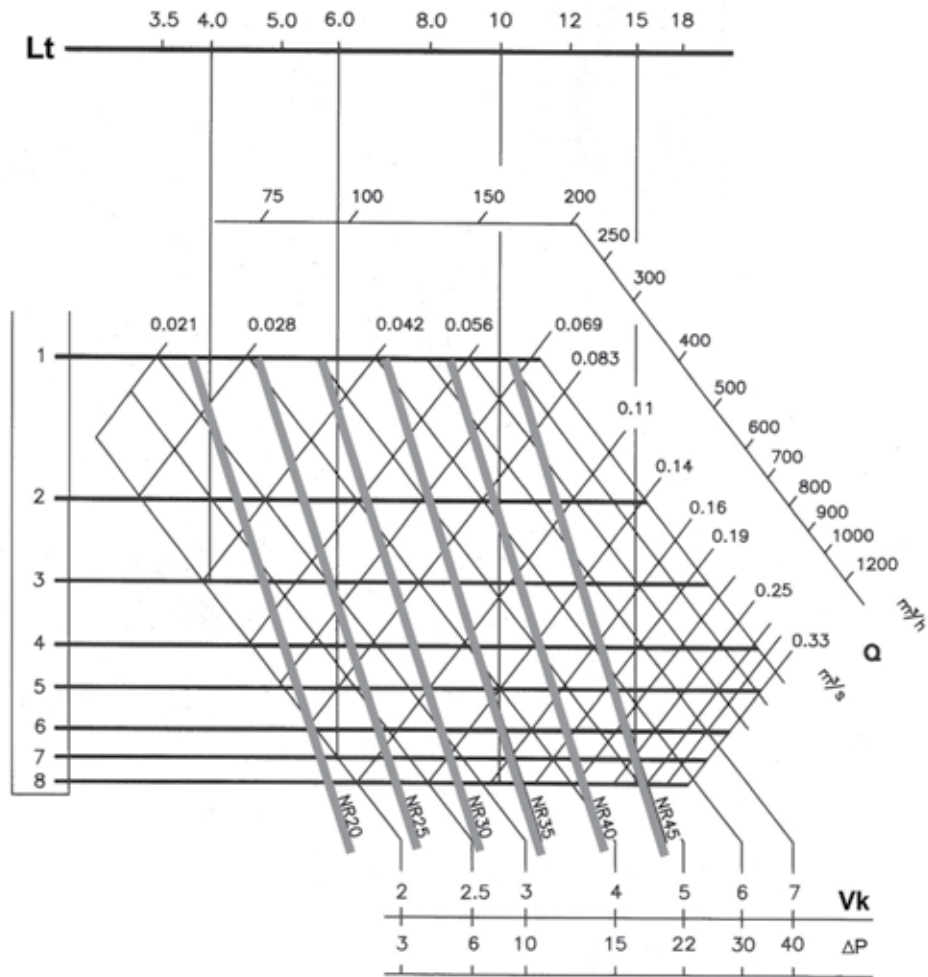
Fixing to the plenum by inner mounting brackets



Fixing to the plenum by inner mounting brackets inclined

Diagram of selection

CONDITIONS: valid for 1 m length; cooling: $DT = -14^{\circ}C$; heating $DT = +26^{\circ}C$;
 terminal velocity = 0,3 m/s; occupied zone relative velocity = 0,13 m/s;
 height of installation site = 2,8 m +/- 0,3 m



SYMBOL	DESCRIPTION
Q	Air flow [m^3/s , m^3/h]
NR	Sound level
DP	Pressure drop [Pa]
Vk	Air delivery velocity [m/s]
Lt	Throw [m]